



FIG.2A

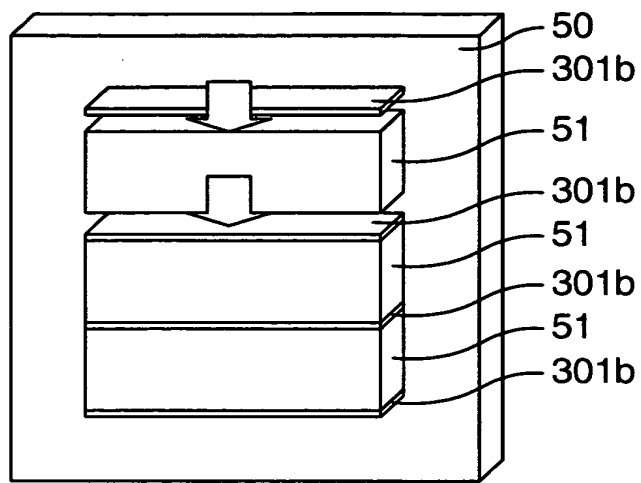


FIG.2B

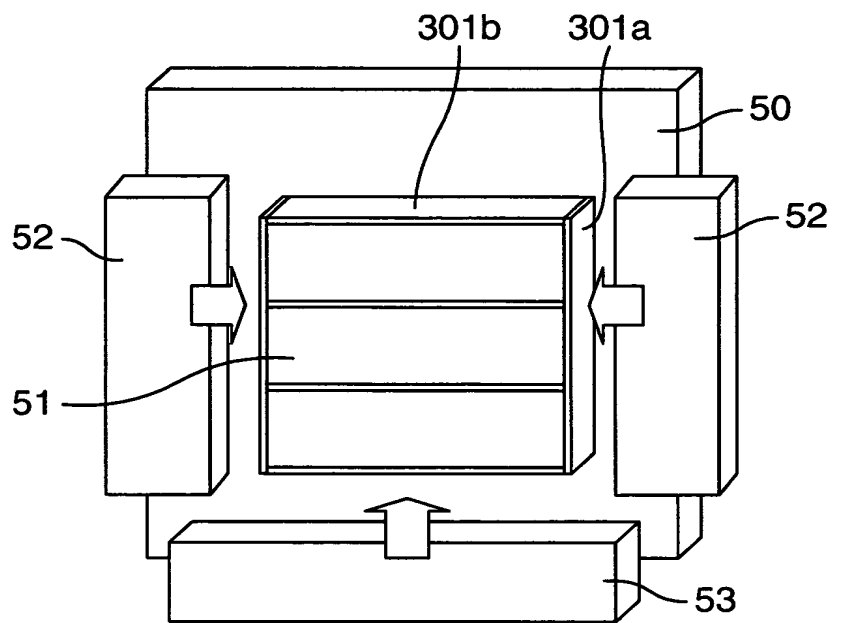


FIG.2C

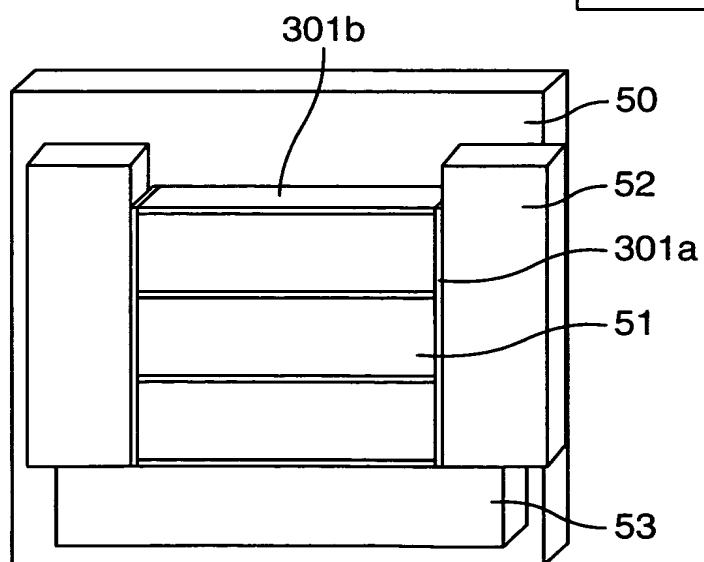


FIG. 4

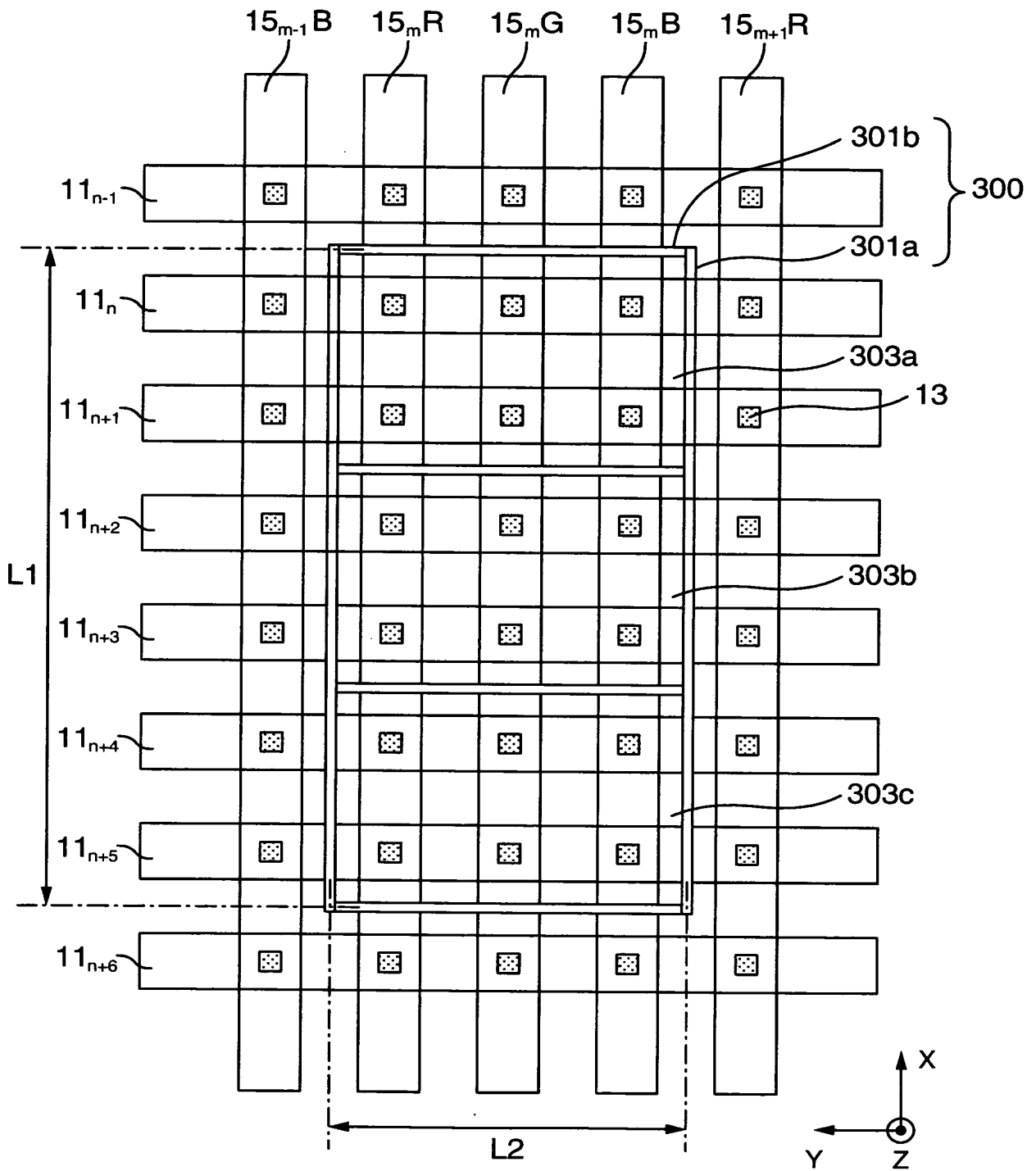


FIG.5

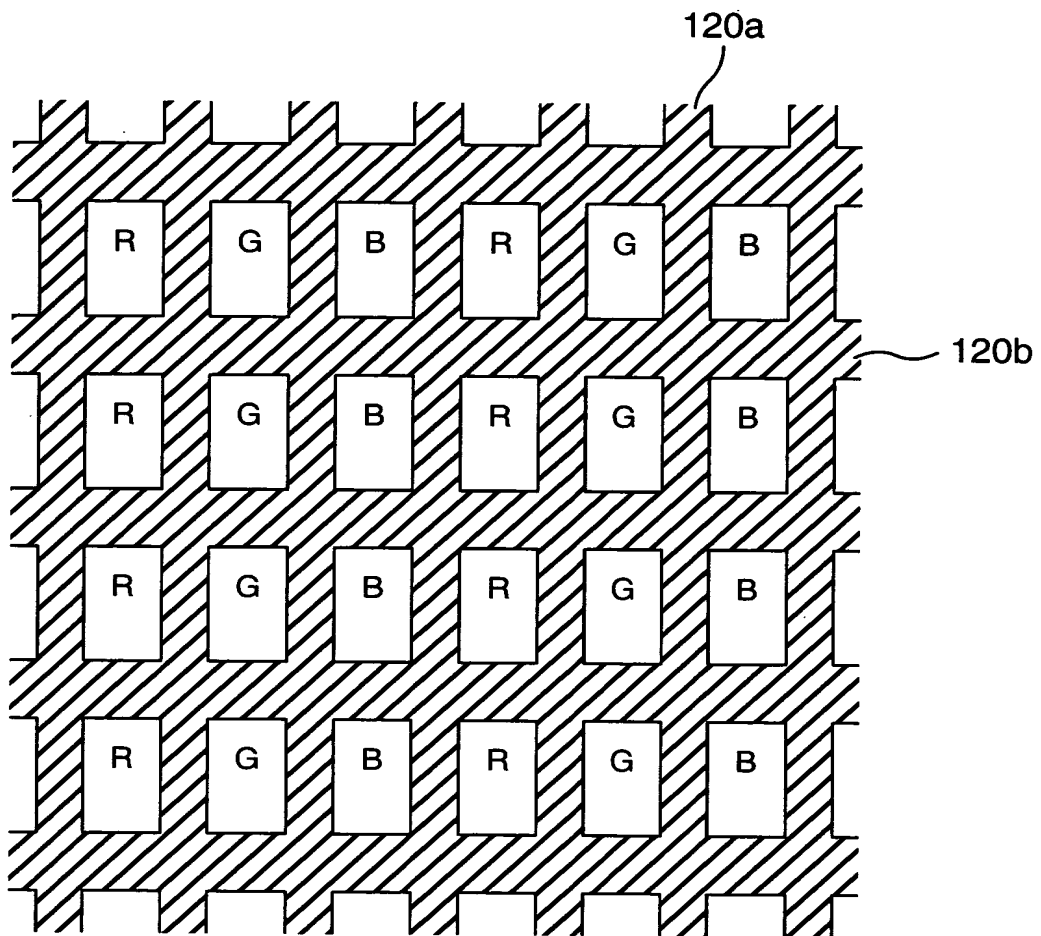


FIG.6

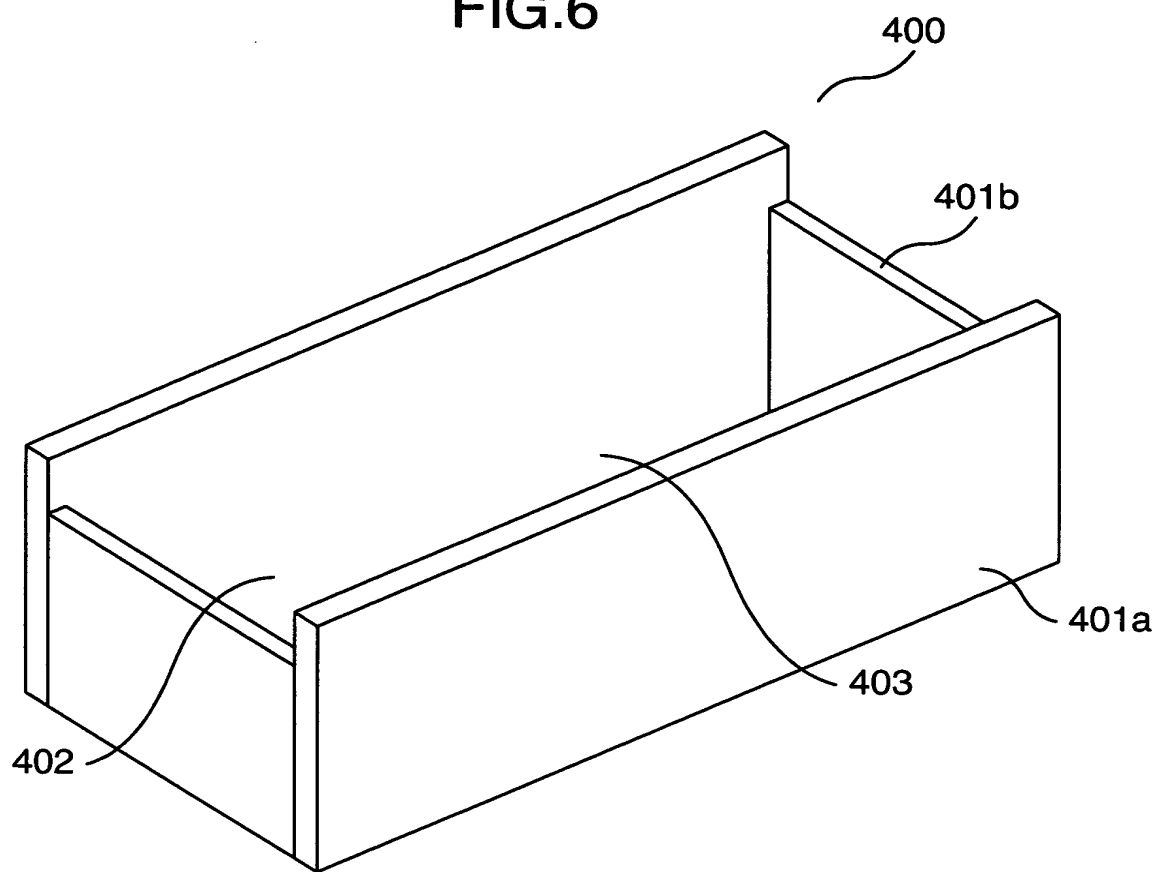


FIG.7

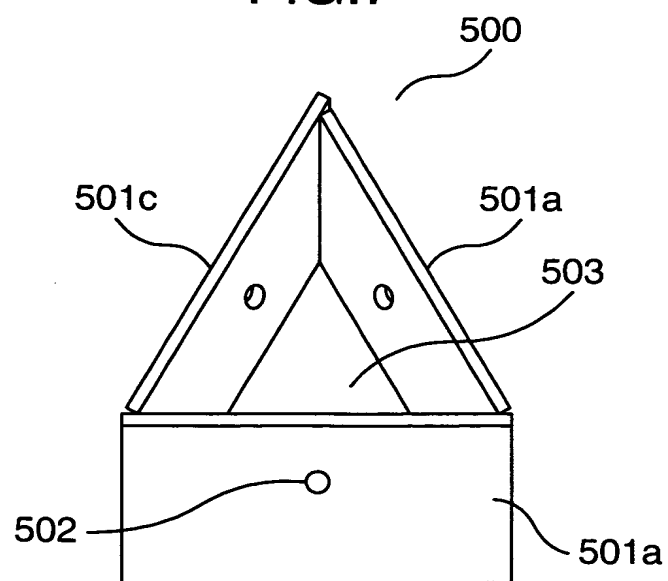


FIG.8

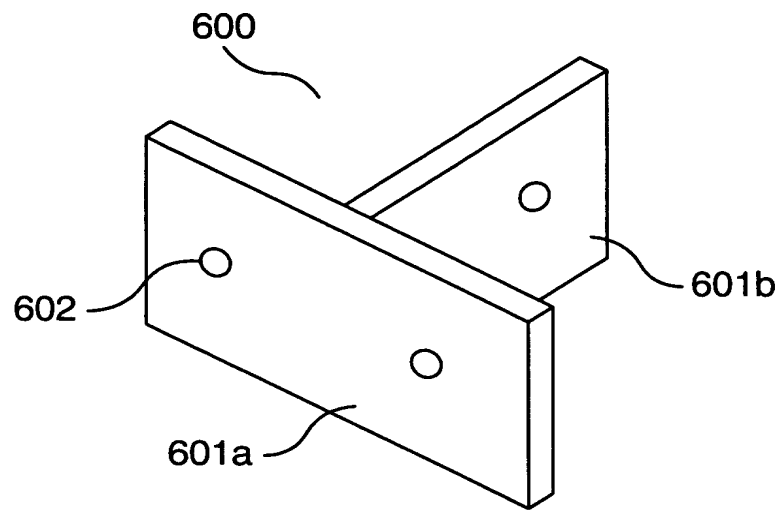


FIG.9

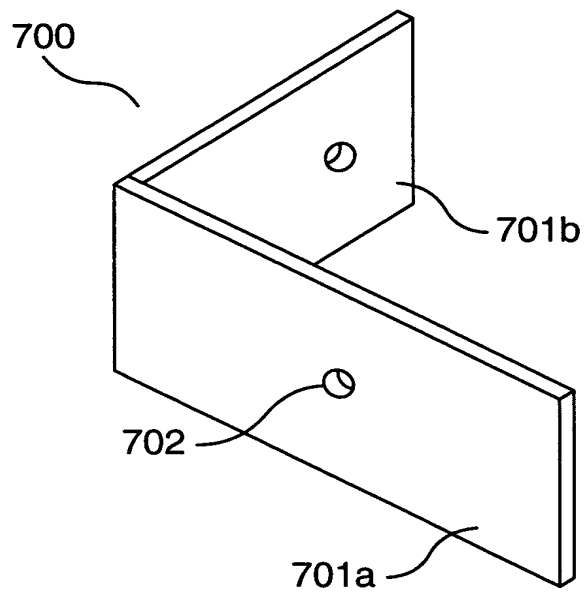


FIG.10A

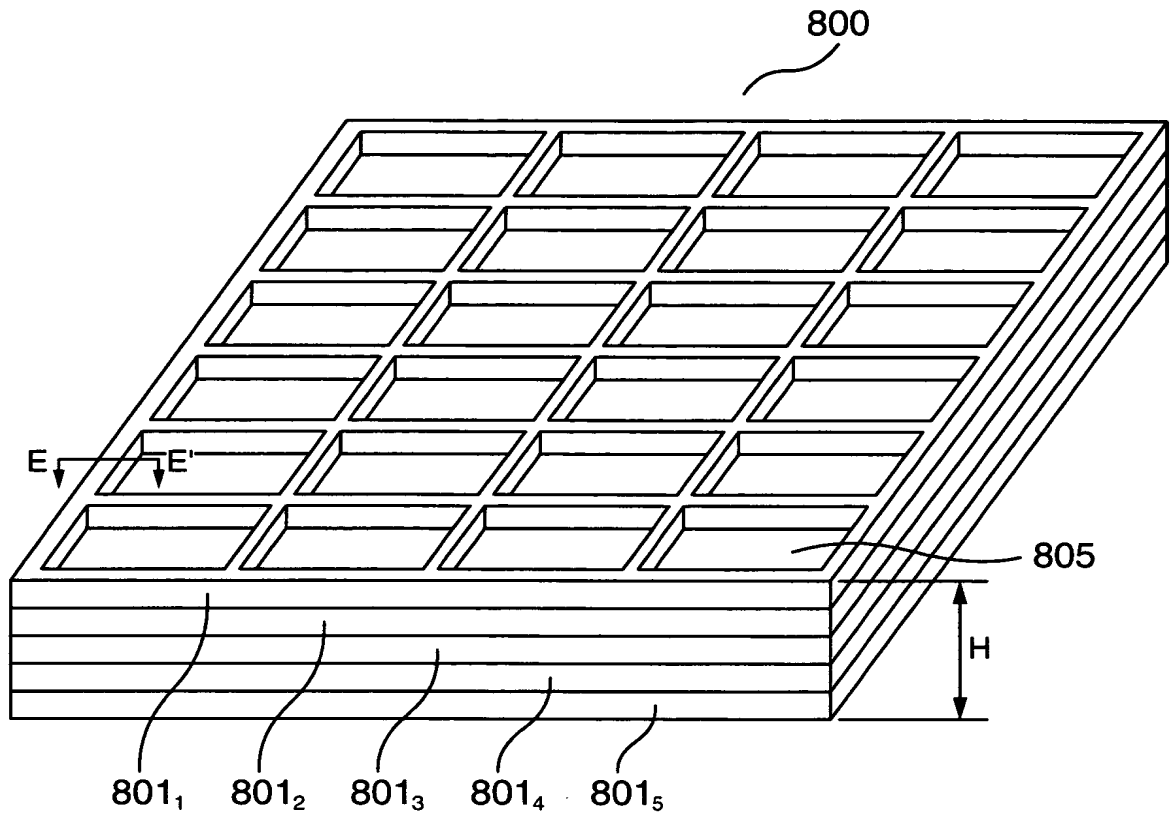


FIG.10B

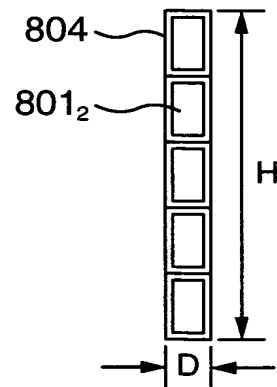


FIG.11A

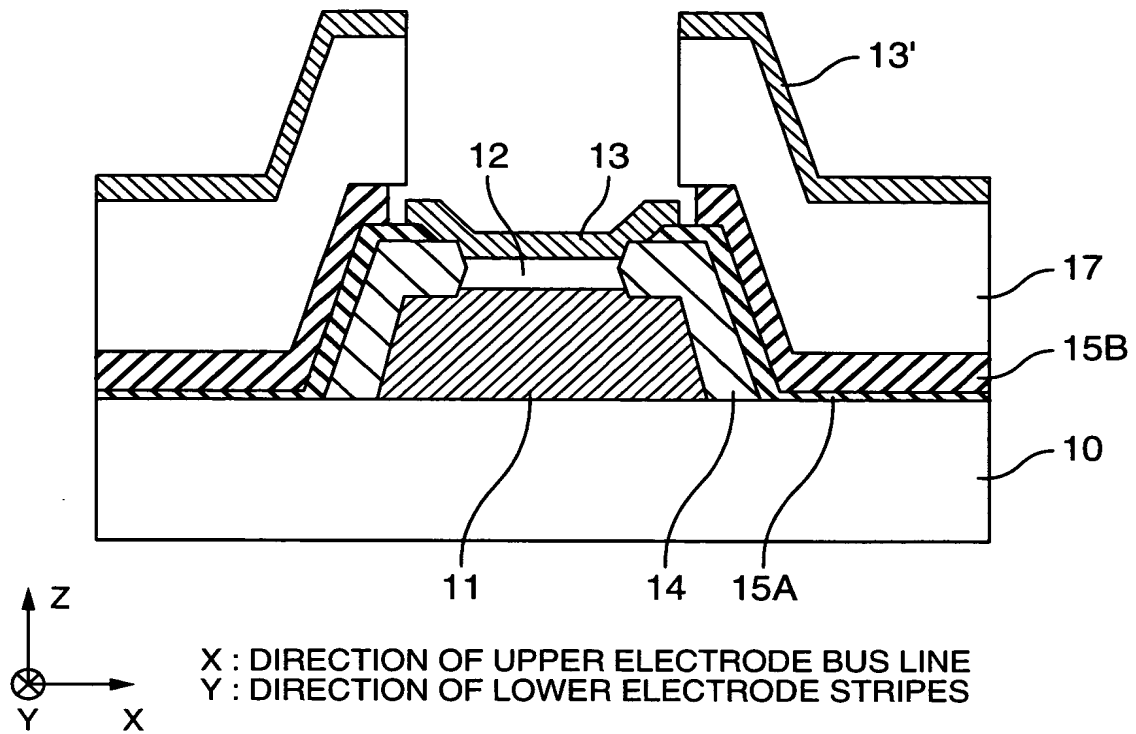


FIG.11B

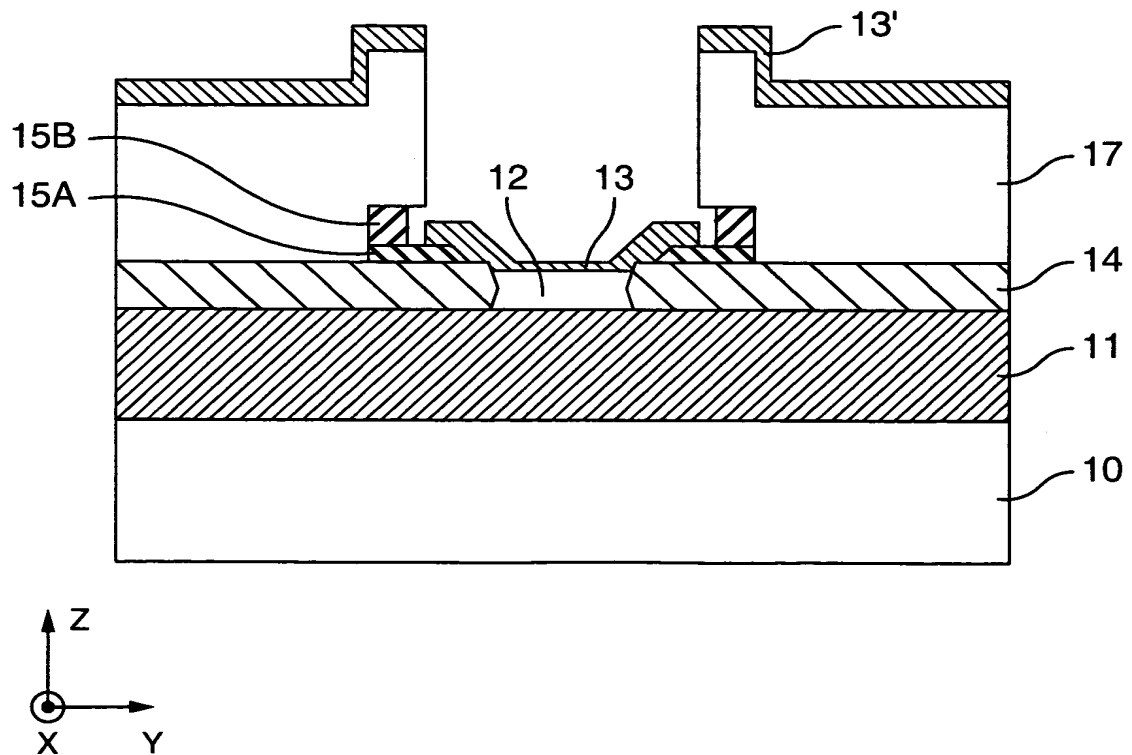


FIG.12A

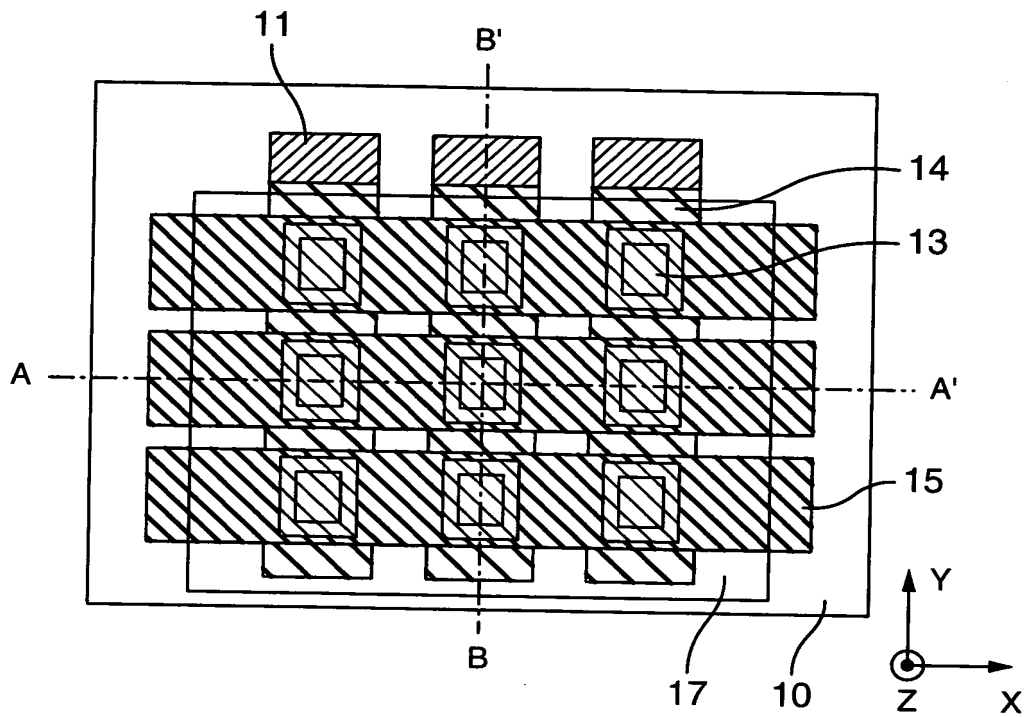


FIG.12B

SECTION A-A'

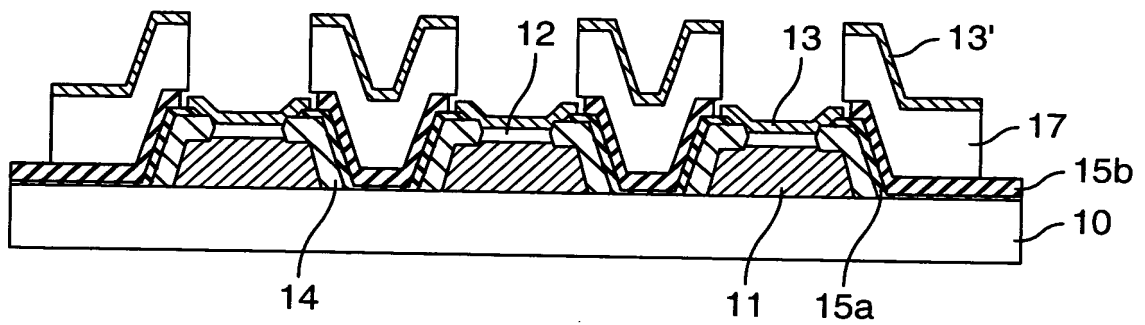
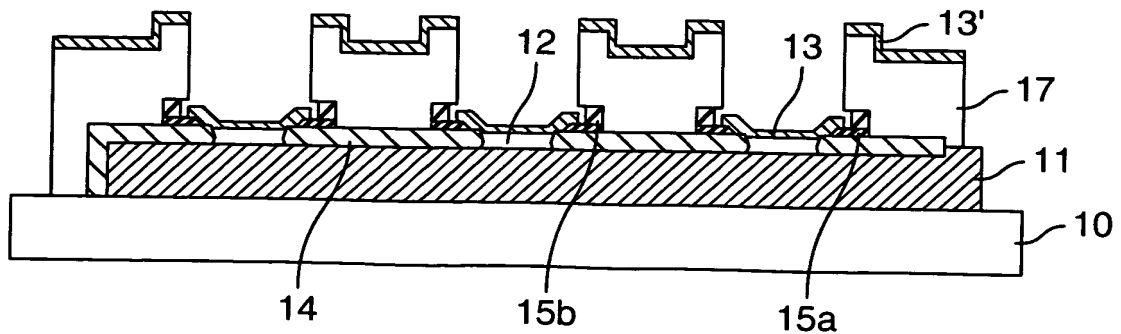
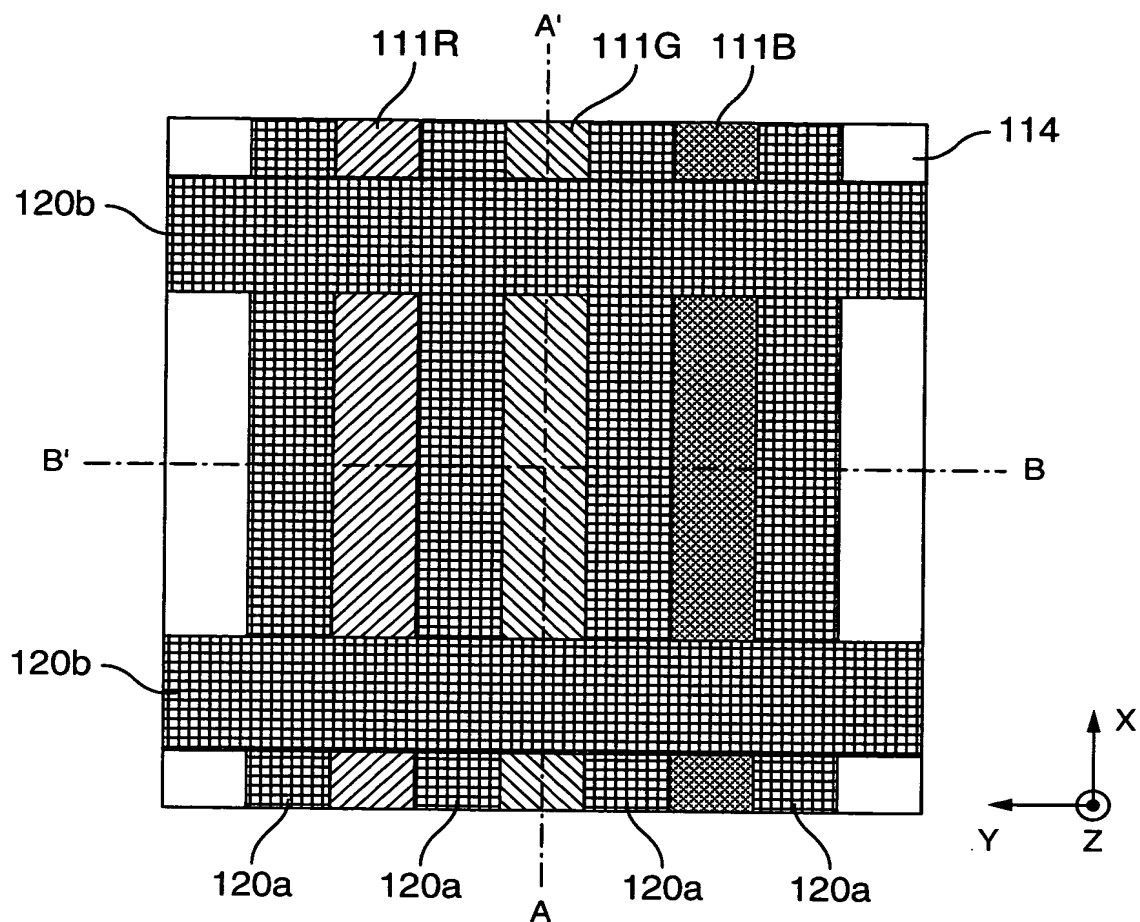


FIG.12C

SECTION B-B'

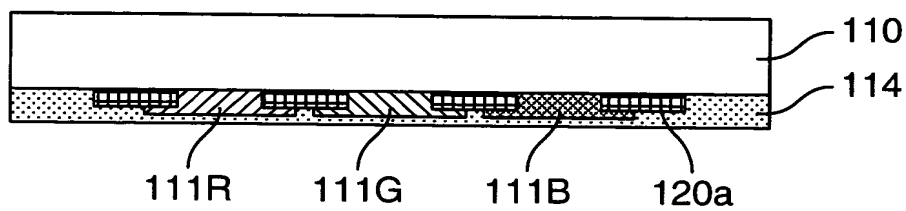


# FIG.13A



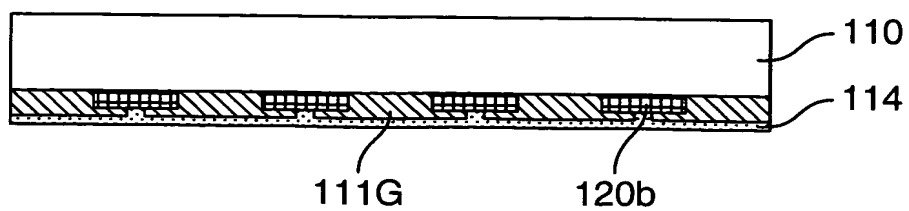
# FIG.13B

SECTION B-B'



# FIG.13C

SECTION A-A'



This cross-sectional view shows the internal structure of the device. A central core layer 10 is covered by a thin layer 11. On top of this are two sets of raised regions 12 and 13, which are connected by a horizontal layer 14. These structures are situated within a larger cavity defined by walls 17 and 18. Above the cavity, there is a series of vertical pillars or vias labeled 30 and 31. The top surface features a patterned layer 110 with a grid-like structure 120b. Other layers include 111G, 114, 115, and 116. A coordinate system at the bottom left indicates the Z-axis pointing upwards, the X-axis pointing to the right, and the Y-axis pointing out of the page.

[illegible]

FIG.15

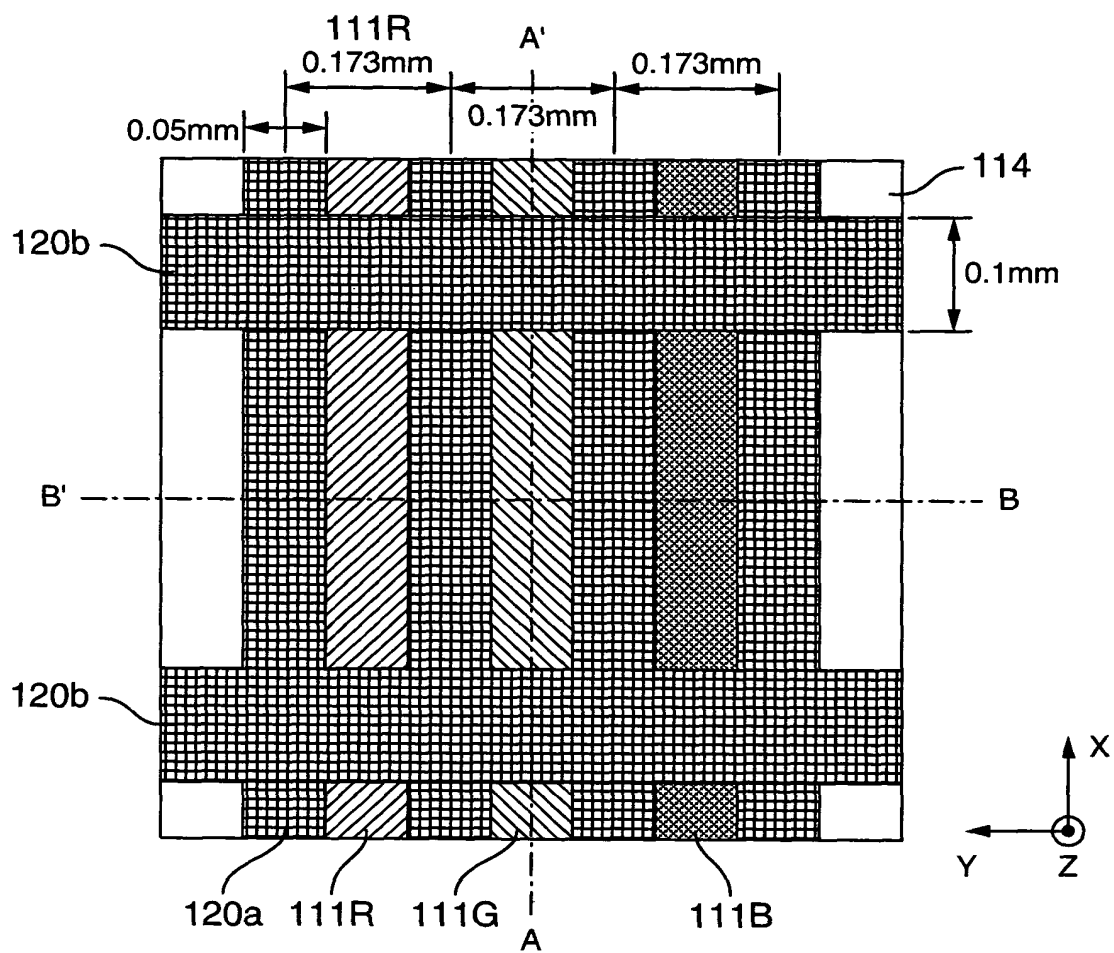


FIG.16

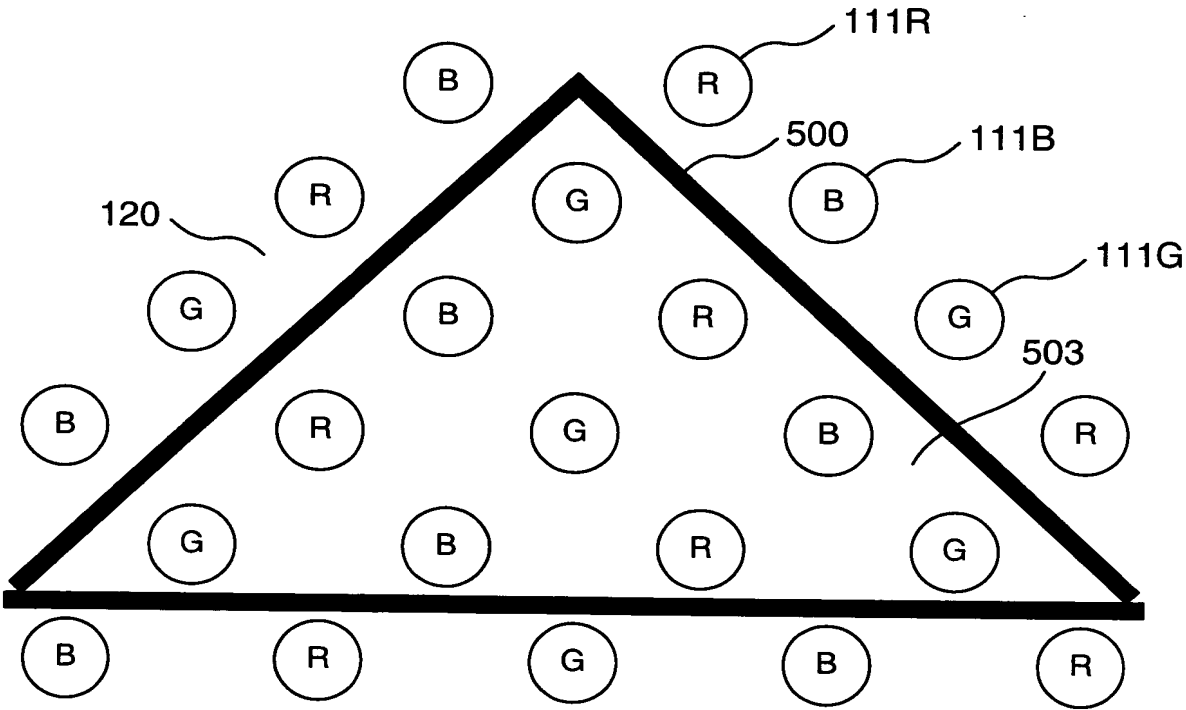


FIG.17

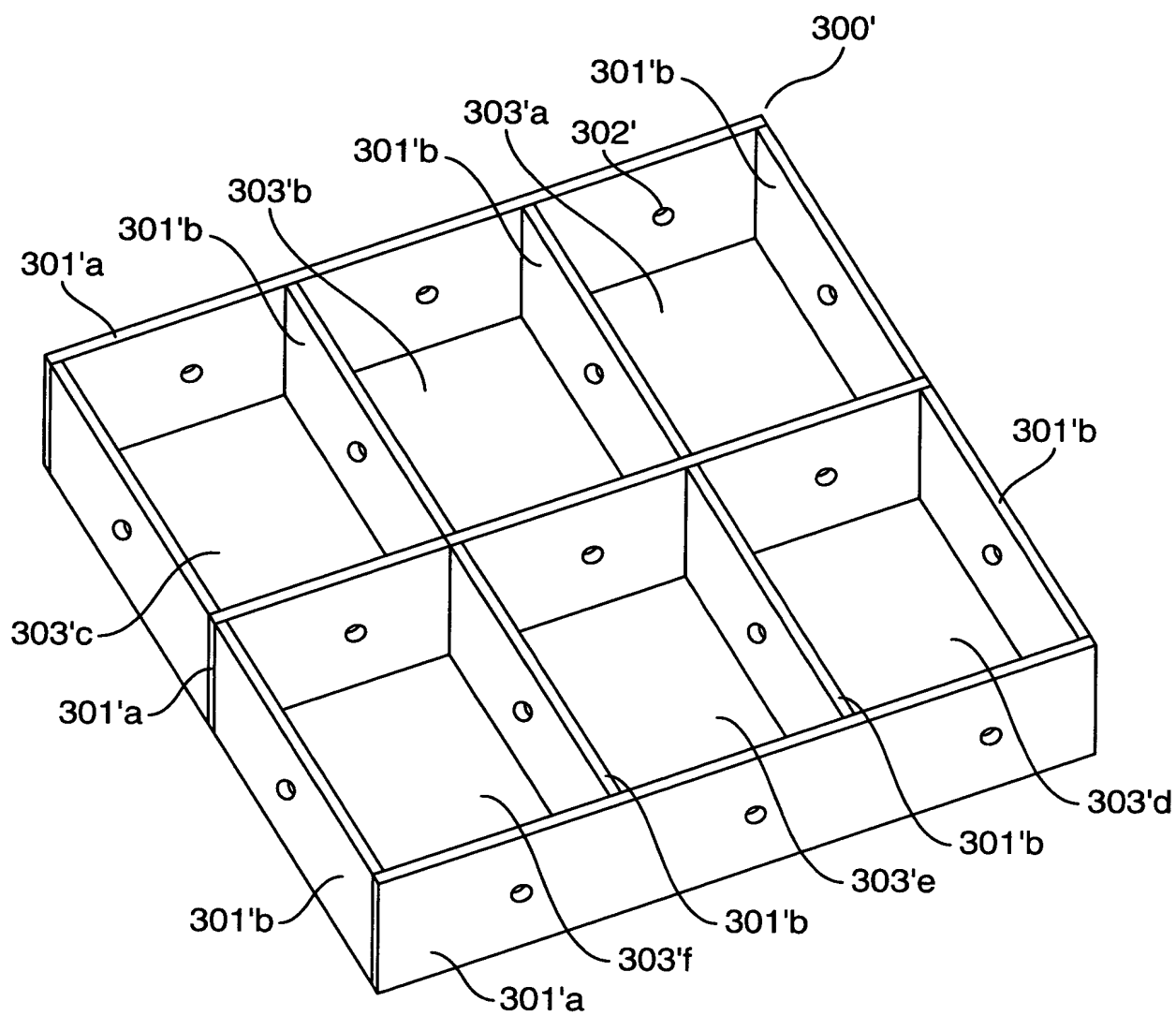


FIG.18

